NT BOOK

ensions			Contents	Reference to last Measuremen
	Breadth 5	Depth 6	7	8
			Bill. 1.16.00 360	
			I.T. - 238970	
			vat - 464120	
			FSD - 580020	
			cess - 116000	
			CSF - Fine 5000 / 11600	
			Roy - 88660	
			14891 70	
			By the 1.01,11,190	
			1.01,11,190/-	

SBR NO: 16/17-18
29/5/2017

M. A. R. 57 (Rule 116)
Measurement Book

BR-157

No. B

30-6-17

Serial No. 1st & final

Name of Work Improvements to Roads & drains SC colony at Kogilu & Agrahara in ward No. 5 Byatarayanapura Sub-division

From To

Name of Contractor of nature of Agency

Date of commencement of work

250420

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Name of contractor:	Executive Engineer			KRIDL		
	Job No:	005-16-000055					
	work order No:	EE/H/BTP/WO/96-16-17 Dt. 5-8-16					
	Est cost: 17.60 Lakhs.						
	1. Earth work excavation in ordinary soil for leveling & lowering the ground manually foundation of buildings, culverts etc & removing the excavated Stuff to a distance not exceeding 50m & lift upto 1.5m. disposed earth to be leveled after breaking of clods & neatly dressed as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremen
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page No. 250479		OF	TMB		43.31	cum
			@Rs	159.84	cum	- - Rs.	6923.00
2.	Earth work excavation for foundation of buildings, culverts water supply etc either in pits or in trenches 1.5m & above in width in hard soil not exceeding 1.5m in depth excavation with lead upto 50m after breaking of clods as per specification.						
	Qty vide page NO 250479		OF	TMB		22.68	cum
			@Rs	288.36	cum	- - Rs.	6540.00
3.	providing & laying in position plain cement concrete of mix M1:4:8 with OPC cement at 180 kgs with 40 mm & down size graded granite metal machine mixed concrete laid in layers not exceeding 15 cms. including cost of materials etc. complete as per specification.						

erial No. .....
ame of Work .....
ame of Contractor of nature of Age
ate of commencement of work .....

Date	Full description, etc, of wo
1	2
	Qty vide page N
4.	providing & const foundation with than 20cms in c culvert H/w

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
B		43.31 cum	
.84	cum - -	Rs. 6923.00	
on of buildings, culverts			
trenches 1.5m & above			
5m in depth excavation			
clods as per specification.			
MB		22.68 cum	
88.36	cum - -	Rs. 6540.00	
cement concrete of mix			
with 40 mm & down size			
ed concrete laid in layers			
t of materials etc complete			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

250421

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide page No.	250 481	OF TMB			149.25 cum	
			@ Rs	5070.60	/ cum	- - - -	Rs. 756787.00
4.	providing & constructing granite basalt size stone masonry in foundation with CM 1:6 stone hammerd dressed in courses not less than 20cms in cluding cost of materials etc complete as per specification. culvert H/W	2	7.00	0.60	0.45	3.78	
		2	7.20	0.60	0.45	3.89	
					Total	7.67	
				Qty ltd to		6.48	cum
			@ Rs	4135.32	/ cum	- - - -	Rs. 26797.00

Thandavan

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5.	providing & constructing granite basalt Size Stone masonry in basement with CM 1:6 dressed in courses not less than 15cm including cost of materials etc complete as per specification.						
	culvert H/w	2	7.00	0.50	0.40	2.80	
		2	7.20	0.50	0.40	2.88	
					Total	5.68	
				Qty	ltd to	5.40	cum
			@Rs	4905.36	/cum	--- Rs 26489.00	
						Thandvel	
6.	providing & removing centering, shuttering, strutting etc & removal of form work for sides & lintels not exceeding 1m in depth including cost of all materials etc as per specification.						
	Qty vide page NO 25 04 81 OF TMB					14.24	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
7.	providing & laying in with OPC cement @ metal machine mixe including cost of ma
	culvert H/w
	vent

BOOK

s		Contents	Reference to last Measuremer
adth 5	Depth 6	7	8
alt	Size	Stone masonry in	
courses		not less than 15cm	
plete as		per specification.	
0.50	0.40	2.80	
0.50	0.40	2.88	
	Total	5.68	
	ltd to	5.40 cum	
ty			
+905.36/cum		--Rs 26489.00	
		Thousand	
ttering,		strutting etc &	
lintels		not exceeding 1m	
terial		etc as per specification.	
		14.24	
B			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

250422

erial No. ..... From ..... To .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			@Rs	270/cum		---	Rs. 3845.00
	providing & laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs. with 20mm & down size graded granite metal machine mixed concrete laid in layers not exceeding 15 cm including cost of materials etc. complete as per specification.						
	culvert H/W	2	7.00	0.50	0.10	0.70	
		2	7.20	0.50	0.10	0.72	
		1	7.00	0.50	0.075	0.26	
	vent	1	7.20	0.50	0.075	0.27	
					total	1.95	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Qty ltd to 1.92	cum
						@ Rs 5491.80/cum — Rs. 10544.00
8.	providing flush pointing to coursed stone masonry with CM 1:3, 20mm deep after raking joints to depth of 20mm nicely lining including cost of material etc complete as per Specifi						
	culvert H/w	2	7.00		0.45	6.30	
		2	7.20		0.45	6.48	
					Total	12.78	
						Qty ltd to 12.00	Sqm
						@ Rs 99.36/Sqm — Rs. 1192.00	
10.	providing TMT Steel reinforcement for RCC work including						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Straightening, cutti required complete complete as per S Qty vide page N
9.	providing & layin with OPC cement metal machine n materials, labour Deck Slab

BOOK

ns		Contents	Reference to last Measuremen
eadth 5	Depth 6	7	8
ty	ltd to	1.92	cum
491.80	/cum	-- Rs. 10544.00	
red	stone masonry with		
	joints to depth of 20mm		
erial etc complete as per Specifi			
	0.45	6.30	
	0.45	6.48	
	total	12.78	
	qty ltd to	12.00	Sqm
	99.36/Sqm	-- Rs. 1192.00	
t	for RCC	work	including

M. A. R. 57 (Rule 116)
Measurement Book

No. B

250423

erial No. ..... From ..... To .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	Straightening, cutting, bending etc lapping & or welding wherever required complete as per design cost of material, labour etc complete as per specification.						
	qty vide page no. 250482 OF TMB					0.23	
	@Rs 59327.91					-- Rs. 13645.00	
9.	providing & laying in position plain cement concrete of mix M 20 with OPC cement @ 320 kgs with 20 mm & down size graded granite metal machine mixed exceeding 15 cms thick including cost of materials, labour etc complete as per specification.						
	Deck slab	1	7.00	1.80	0.20	2.52	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	7.20	1.80	0.20	2.59	
					Total	5.11	
				Qty ltd to		4.55 cum	
				@Rs	6198.12 /cum	- - - Rs. 28201.00	
11.	providing & laying cement concrete using 20mm & down size granite jelly of ready mixed concrete for RCC works laid in 15cms complete RMC concrete M-20 for raft foundation. column footing, main & secondary beams.						
	Kogilu village colony main roads	1	15.0	$\frac{(3.5+3.0)}{2}$	0.10	4.88	
		1	15.0	$\frac{(3.0+3.10)}{2}$	0.10	4.58	
		1	15.0	$\frac{(3.10+3.50)}{2}$	0.10	4.95	

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of
1	2
	Agrahara village
	main road

NT BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1.80	0.20	2.59	
	Total	5.11	
Qty ltd to		4.55 cum	
6198.12 /cum - - -		28201.00	
Thickness			
ete using 20mm + down size			
crete for RCC works laid in			
1-20 for raft foundation.			
y beams.			
(3.5+3.0) 2	0.10	4.88	
(3.0+3.10) 2	0.10	4.58	
(3.10+3.50) 2	0.10	4.95	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

250424

erial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.0	(3.50+3.60)/2	0.10	5.33	
		1	15.0	(3.60+3.70)/2	0.10	5.48	
		1	19.80	(3.70+4.0)/2	0.10	7.62	
	Agrahara village colony main road	1	15.0	(3.80+4.30)/2	0.10	6.08	
		1	15.0	(4.30+5.00)/2	0.10	6.98	
		1	15.0	(5.0+4.60)/2	0.10	7.20	
		1	9.0	(4.60+4.40)/2	0.10	4.05	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.0	$\frac{(4.40+4.35)}{2}$	0.10	6.56	
		1	15.0	$\frac{(4.35+4.50)}{2}$	0.10	6.64	
		1	15.0	$\frac{(4.50+4.20)}{2}$	0.10	6.53	
		1	15.0	$\frac{(4.20+4.10)}{2}$	0.10	6.23	
		1	12.0	$\frac{(4.10+4.00)}{2}$	0.10	4.86	
		1	15.0	$\frac{(4.0+3.90)}{2}$	0.10	5.93	
		1	9.80	$\frac{(3.90+4.00)}{2}$	0.10	3.87	
		1	7.0	$\frac{(4.50+4.0)}{2}$	0.10	2.98	
					Total	100.70	

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	deduct man hole	7x0.7
12.	vaccum de watering with ve with Skin flater clubbed HOM of machinery, etc wi kogilu village colony main road	1

BOOK

ons			Contents	Reference to last Measureme
readth 5	Depth 6		7	8
+0 +4.35) / 2	0.10		6.56	
5+4.50) / 2	0.10		6.64	
0+4.20) / 2	0.10		6.53	
0 +4.10) / 2	0.10		6.23	
10 +4.00) / 2	0.10		4.86	
0 + 3.90) / 2	0.10		5.93	
90+4.00) / 2	0.10		3.87	
50+4.0) / 2	0.10		2.98	
		Total	100.70	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

250425

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	deduct man hole	7×0.785	1.20	1.20	0.10	0.79	
						99.91	
						99.50 cum	
				@tg ltd to			
			@Rs	6332.64/cum		- - -Rs. 630038.00	
						Thanderaad	
2.	vaccum de watering with vaccum pump & suction mat & compaction with Skin flater clubbed with floating disc including cost of generator HOM of machinery, etc with all lead & lift.						
	kogilu village colony main road	1	15.0	(3.50+3.0)/2		48.75	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Agrahara village colony main Road	1	15.0	$\frac{(3.0+3.10)}{2}$		45.75	
		1	15.0	$\frac{(3.10+3.50)}{2}$		49.50	
		1	15.0	$\frac{(3.50+3.60)}{2}$		53.25	
		1	15.0	$\frac{(3.60+3.70)}{2}$		54.75	
		1	19.80	$\frac{(3.70+4.0)}{2}$		76.23	
		1	15.0	$\frac{(3.80+4.30)}{2}$		60.75	
		1	15.0	$\frac{(4.30+5.0)}{2}$		69.75	
		1	15.0	$\frac{(5.0+4.60)}{2}$		72.00	
		1	9.0	$\frac{(4.60+4.40)}{2}$		40.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2

IENT BOOK

Dimensions			Contents	Reference to last Measureme
ngth 4	Breadth 5	Depth 6	7	8
·0	(3·0+3·10)/2		45·75	
·0	(3·10+3·50)/2		49·50	
·0	(3·50+3·60)/2		53·25	
·0	(3·60+3·70)/2		54·75	
·80	(3·70+4·0)/2		76·23	
5·0	(3·80+4·30)/2		60·75	
5·0	(4·30+5·0)/2		69·75	
5·0	(5·0+4·60)/2		72·00	
9·0	(4·60+4·40)/2		40·50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

250426

erial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15·0	(4·40+4·35)/2		65·63	
		1	15·0	(4·35+4·50)/2		66·38	
		1	15·0	(4·50+4·20)/2		65·25	
		1	15·0	(4·20+4·10)/2		62·25	
		1	12·0	(4·10+4·0)/2		48·60	
		1	15·0	(4·0+3·90)/2		59·25	
		1	9·80	(3·90+4·0)/2		38·71	
		1	7·0	(4·50+4·0)/2		29·75	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total	1007.04	
	deduct man hole	~~7~~ 7X0.785	~~0.785~~ 1.20	~~1.20~~ 1.20	~~1.20~~	7.91	
				net qty		999.13	
				qty ltd to		995.00 Sqm	
			@Rs	97.20	/sqm	- - - Rs. 96714.00	

Thandavesh

13. Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading & unloading from 0.00 to 2.00 km.

	qty same as item NO.1					43.31	
	qty same as item NO.2					22.68	
					Total	65.99	/cum
			@Rs	62.20	/cum	- - - Rs. 4105.00	

Thandavesh 26/5/17

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	C/f FC 26/5/2017
	CERTIFICATE
	1. The contractor has
	2. The contractor has
	3, There is no depart

Thandavesh
ಸಹಾಯಕ ಅಭಿಯಂತರರು

OK

Depth 6	Contents 7	Reference to last Measureme 8
Total	1007.04	
1.20	7.91	
	999.13	
ity		
ed to	995.00 Sam	
Sam	- - - Rs. 96714.00	
Thandavpur		
payable at Garage		
loading & unloading		
	43.31	
	22.68	
Total	65.99 cum	
cum	- - - Rs. 4105.00	

Thandavpur 26/5/17

M. A. R. 57 (Rule 116)
Measurement Book

No. B

250427

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C/f FC	Add 8% KRIDL charges				TOTAL	1611820.00
							128945.00
						Total	1740765.00

CERTIFICATE

1. The contractor has done the work satisfactorily.
2. The contractor has removed all the debris from work place.
3. There is no departmental issues to the contractor.

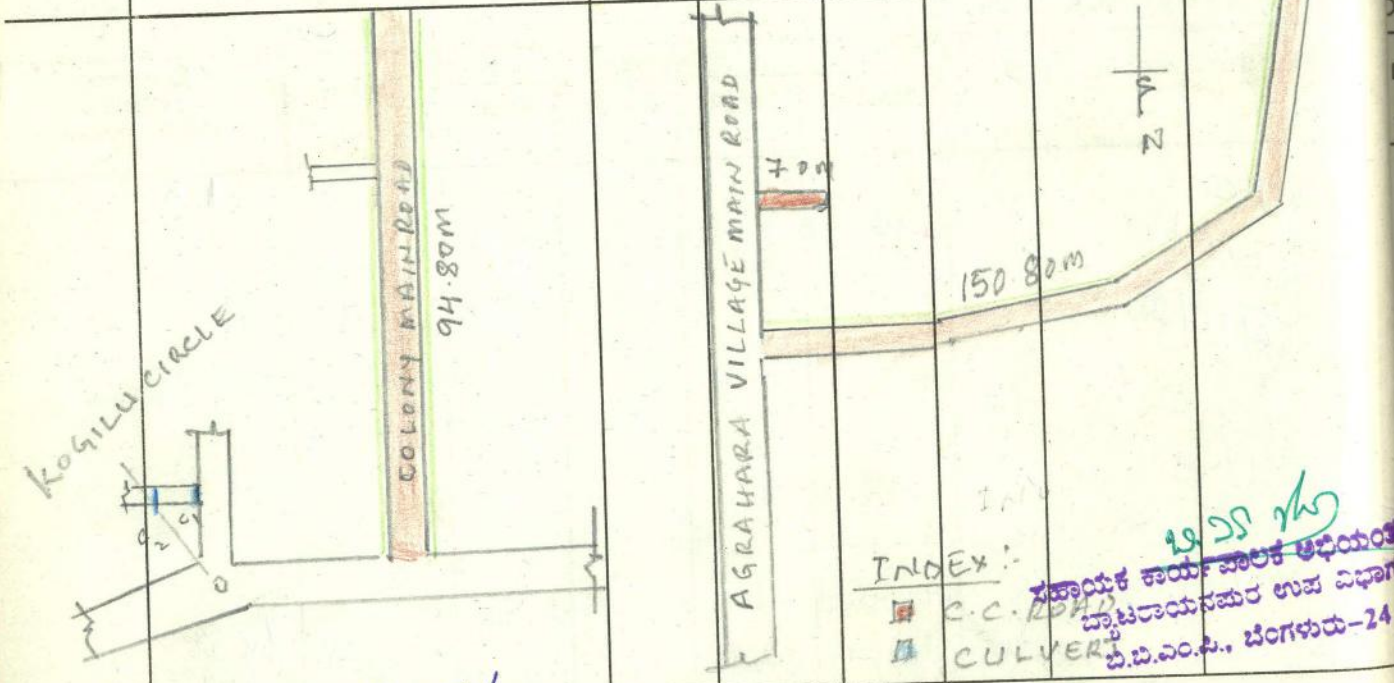
26/5/2017

Thandavpur
ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

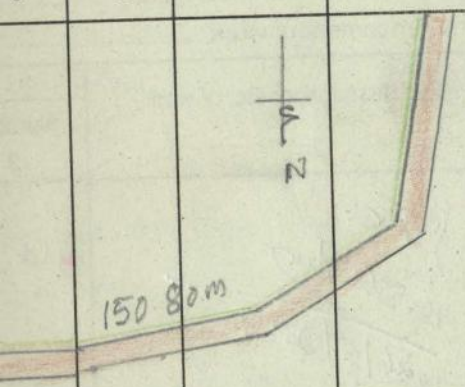
Date	Full description, etc, of work
1	2

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 17,56,88
ಗಣ್ಣಿಗೆ ಮಾಸ್ಟರ್ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 2
ಮೊದಲಾಗಿ ಹೂಡಿಕೊಂಡು ಉಳಿದ ಮೊಬ
ಕೆ Fifteen Lakhs Seven
Three Hundred
ಇಷ್ಟು ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ತಾಂತ್ರಿಕ ಪರೀಕ್ಷಕರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ. ಬೆ. ಮ. ಪಾ

BOOK

ns		Contents	Reference to last Measureme
eadth 5	Depth 6	7	8



INDEX :-
C.C. ROAD
CULVERT

M. A. R. 57 (Rule 116)
Measurement Book

250428

erial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 17,56,884-00 ಗಣ್ಣಿ ಹಾಗು ಮಾರಿದೆ : ಇದರಲ್ಲಿ ರೂ 2,35,509-00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು Rs. Fifteen Lakhs twenty one thousand three hundred seventy five-00 ಜೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ. ಬೆ. ಮ. ಪಾ					Total Rs: 1756884-00 ST - 35138-00 VAT - 70275-00 CM - 17569-00 CSF - 1757-00 LR - 19326-00 FSD - 87844-00 Fine - 3600-00 Adj: 235509-00 Chq Rs: 15,21,375-00	

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ., ಬೆಂಗಳೂರು-24